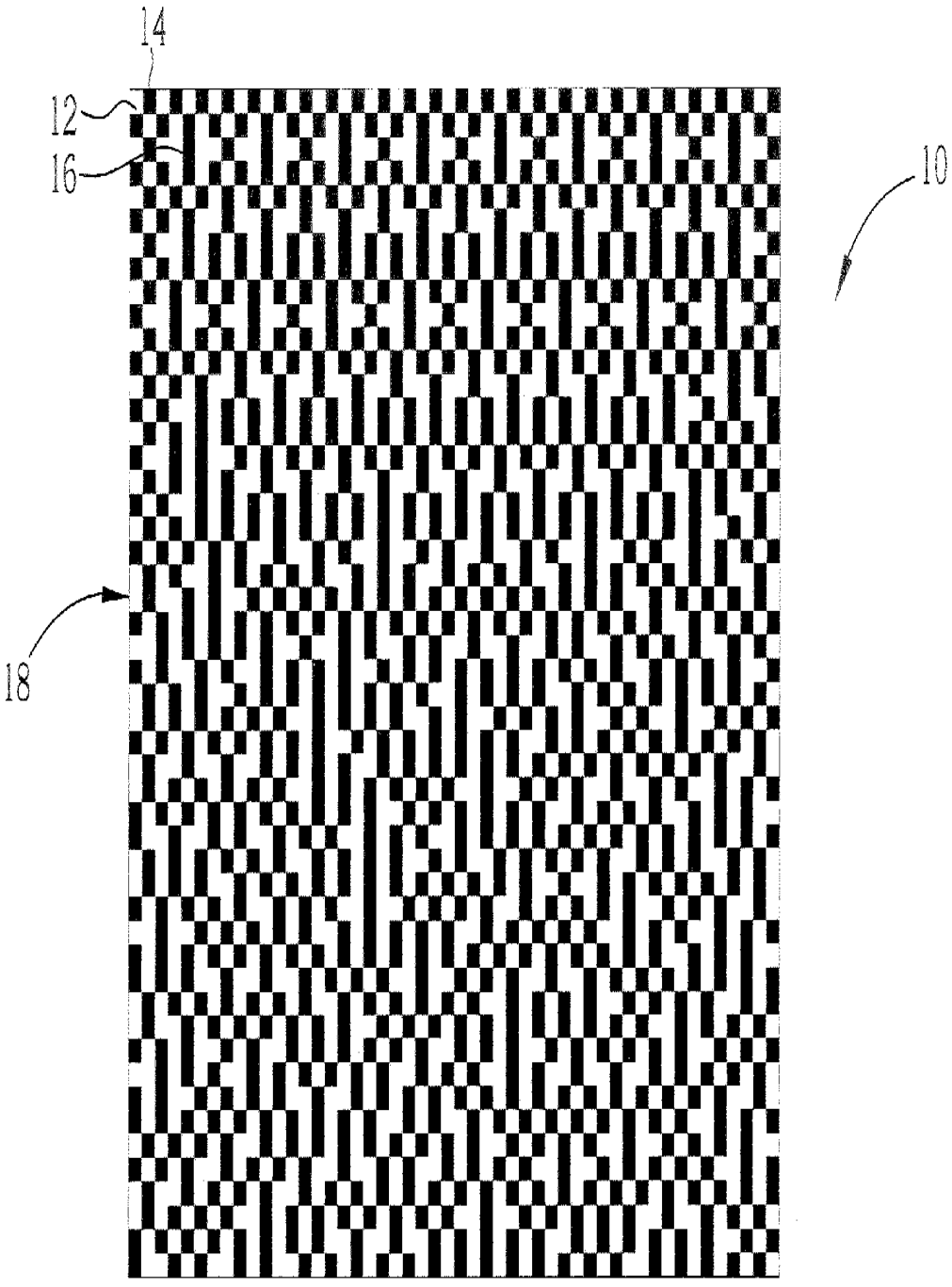


Fig. 1 Prior Art

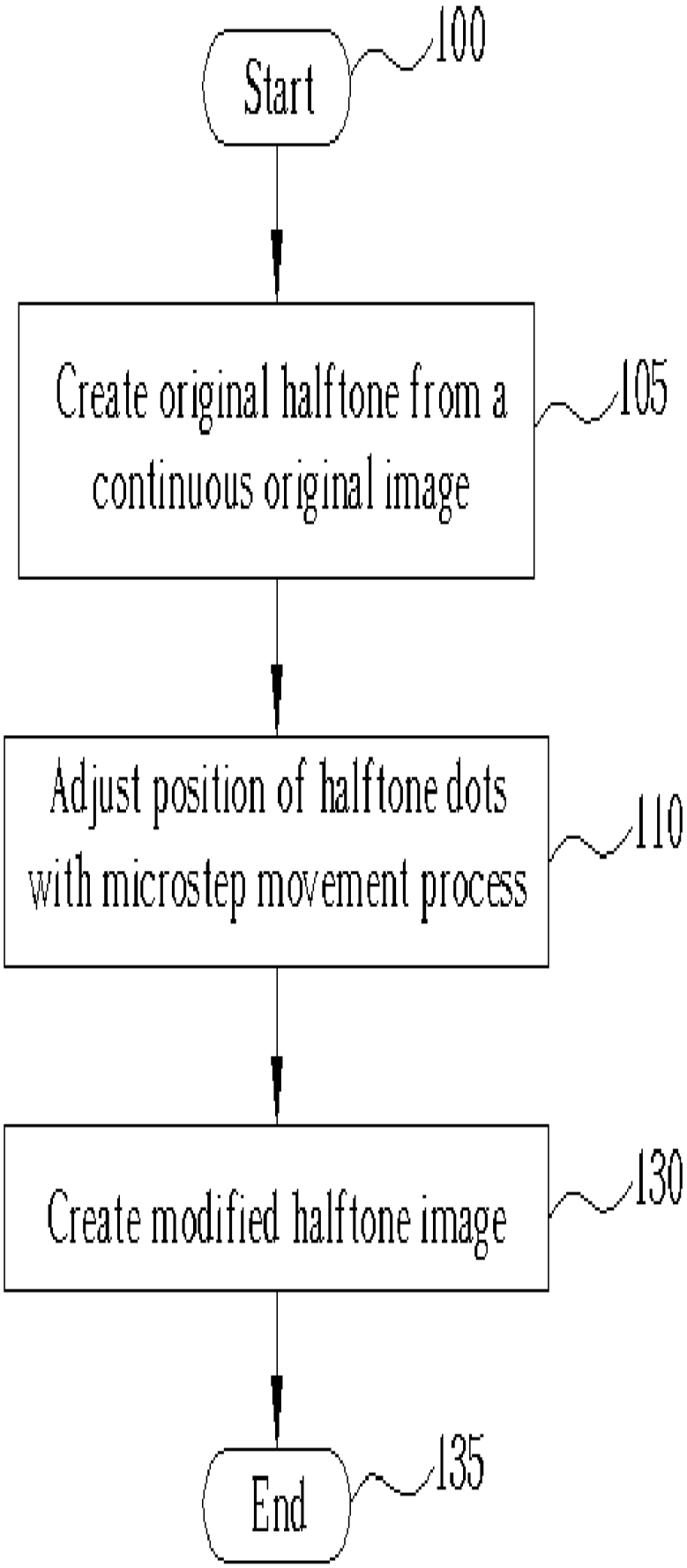

Start
100
Create original halftone from a continuous original image
105
Adjust position of halftone dots with microstep movement process
110
Create modified halftone image
130
End
135

Fig. 2

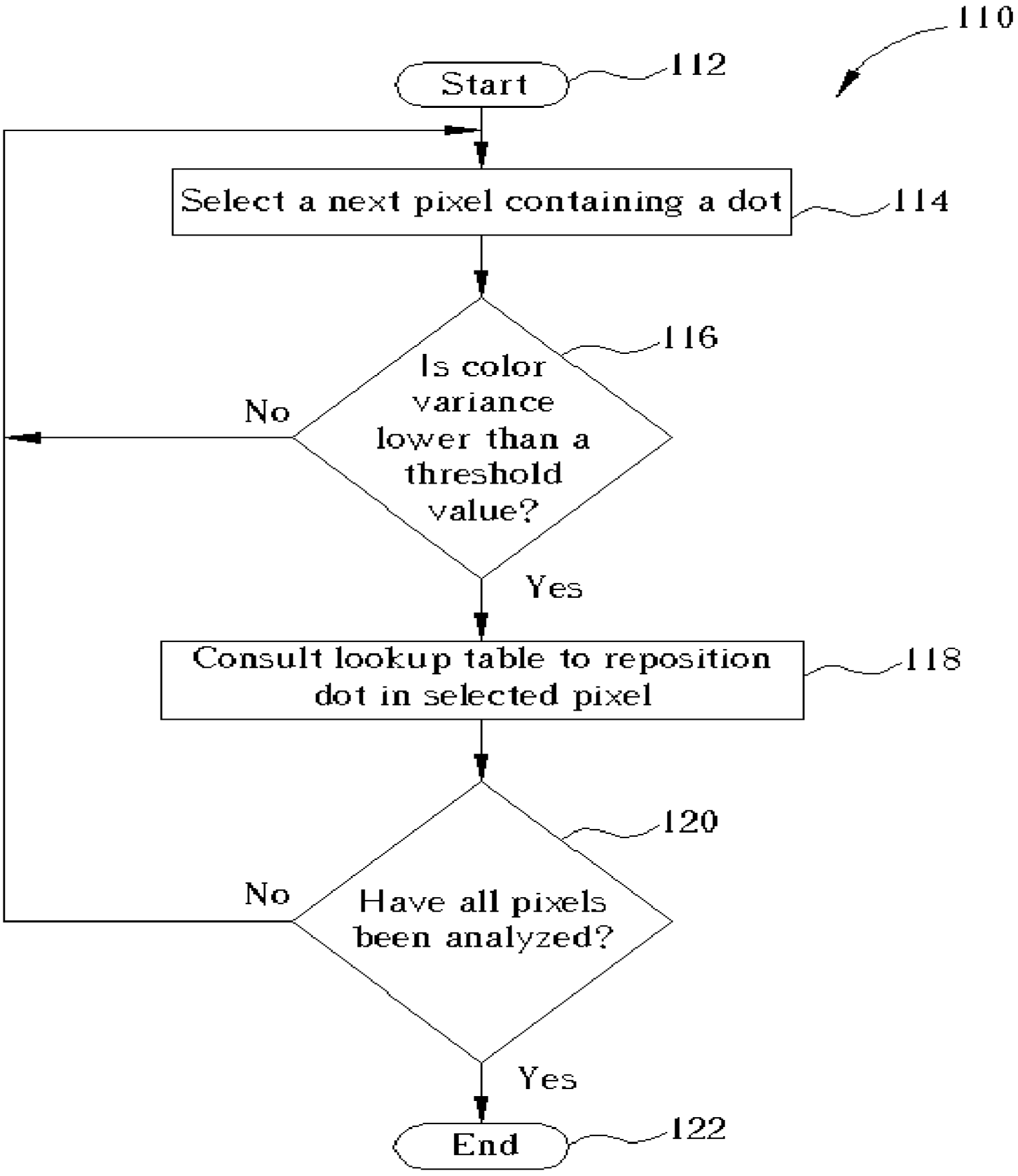

110
Start
112
Select a next pixel containing a dot
114
Is color variance lower than a threshold value?
116
No
Yes
Consult lookup table to reposition dot in selected pixel
118
Have all pixels been analyzed?
120
No
Yes
End
122

Fig. 3

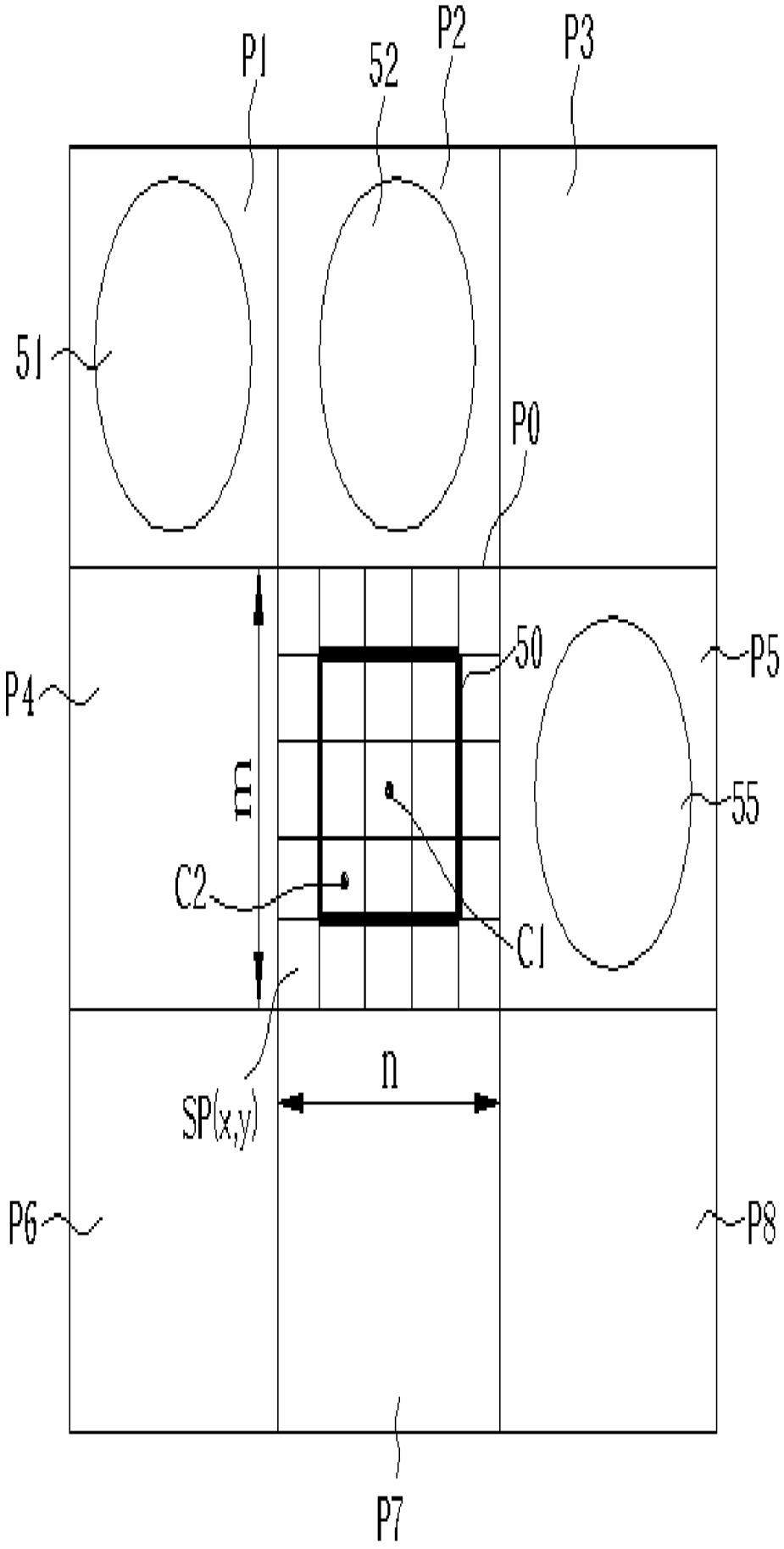
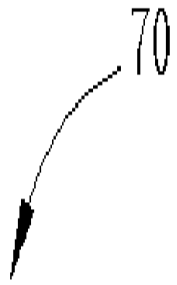


Fig. 4



Binary code	Horizontal position	Vertical position
00000000	x0	y0
00000001	x1	y1
00000010	x2	y2
⋮	⋮	⋮
11111110	x254	y254
11111111	x255	y255

Fig. 5

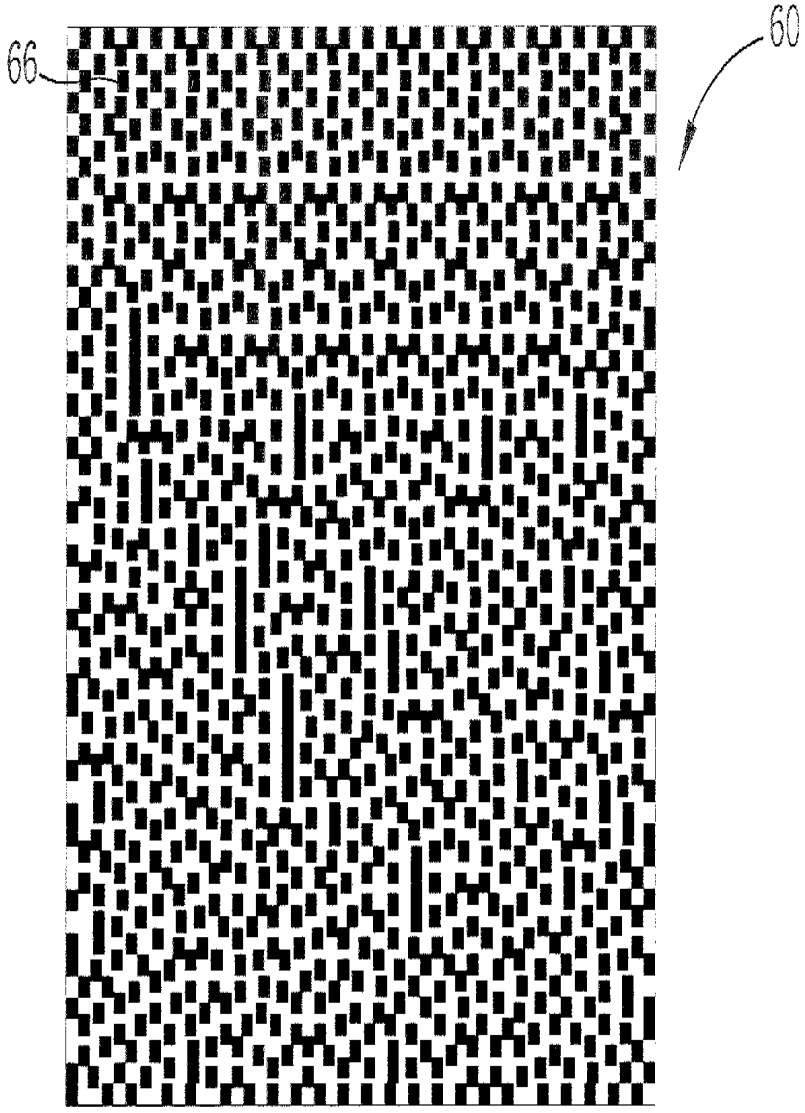


Fig. 6